

What is claimed is:

1. A telephony system, comprising:
  - a phone connection for connecting to a telephone;
  - 5 a network connection for connecting to a network; and
  - a controller connected to said phone connection and to said network connection;
  - wherein said controller provides a phone service for processing information for said phone connection,
  - said controller provides a network service for processing information for said
  - 10 network connection; and
  - said controller provides a network voice service for converting information to and from a network voice format.
2. The telephony system of claim 1, wherein:
  - 15 said phone connection is an RJ-11 connection.
3. The telephony system of claim 1, wherein:
  - said phone connection is a USB connection.
- 20 4. The telephony system of claim 1, wherein:
  - said network connection is an RJ-45 connection.
5. The telephony system of claim 1, wherein:
  - said network connection is a broadband connection.
- 25 6. The telephony system of claim 1, wherein:
  - said network connection is a wireless connection.
7. The telephony system of claim 6, wherein:
  - 30 said network connection is a CDMA connection.
8. The telephony system of claim 1, wherein:
  - said network voice format supports sending voice data in an IP network.

9. The telephony system of claim 1, further comprising:

a radio interface connected to said controller; and  
an antenna connected to said radio interface.

5 10. The telephony system of claim 1, further comprising:

a peripheral connection connected to said controller for connecting to a peripheral  
device.

11. The telephony system of claim 10, wherein:

10 said peripheral connection is a USB connection.

12. The telephony system of claim 10, wherein:

said peripheral connection is for connecting to a computer system.

15 13. The telephony system of claim 1, further comprising:

a control connection connected to said controller for transferring control  
information to and from said telephone connected to said phone connection.

14. The telephony system of claim 1, wherein:

20 said controller provides a browser service for supporting transferring information  
for browser applications between said phone connection and said network connection.

15. The telephony system of claim 14, wherein:

said browser service supports a web browser application.

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16. The telephony system of claim 1, wherein:

said controller provides a message service for supporting transferring information  
for message applications between said phone connection and said network connection.

30 17. The telephony system of claim 16, wherein:

said message service supports an email application.

18. The telephony system of claim 1, wherein:

said controller provides a G3 fax service for supporting transferring information for fax conversions between said phone connection and said network connection.

5 19. The telephony system of claim 1, wherein:

said controller provides a voicemail service for supporting transferring information for voicemail between said phone connection and said network connection.

20. The telephony system of claim 1, further comprising:

10 a GPS system connected to said controller.

21. The telephony system of claim 20, wherein:

said controller supports precision differential GPS positioning using said GPS system.

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22. The telephony system of claim 1, wherein:

said controller supports backing up data from said telephone.

23. The telephony system of claim 1, wherein:

20 said controller supports PIM information management.

24. The telephony system of claim 1, wherein:

said controller supports wireless terminal provisioning.

25 25. The telephony system of claim 1, wherein:

said network connection is also for connecting to a wireless terminal.

26. A method of sending data to a network, comprising:

30 receiving information through a phone connection at a terminal, wherein said information indicates a service;

preparing intermediate information based on said information according to said indicated service;

preparing network data based on said intermediate information according to a network protocol for a network connected to said terminal; and sending said network data to said network.

5 27. The method of claim 26, wherein:

said phone connection is an RJ-11 connection.

28. The method of claim 26, wherein:

said phone connection is a USB connection.

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29. The method of claim 26, wherein:

said network connection is an RJ-45 connection.

30. The method of claim 26, wherein:

15 said network connection is a broadband connection.

31. The method of claim 26, wherein:

said network connection is a wireless connection.

20 32. The method of claim 31, wherein:

said network protocol is CDMA.

33. The method of claim 26, wherein:

said service is a voice over IP service.

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34. The method of claim 26, wherein:

said service is an email service.

35. The method of claim 26, wherein:

30 said service is a browser service.

36. The method of claim 26, further comprising:

receiving control information through a control connection from said telephone;

wherein preparing said intermediate information includes using said control information.

37. The method of claim 26, wherein:

5        sending said network data to said network includes sending said network data to a wireless terminal providing a wireless connection to said network.

38. A method of processing data from a network, comprising:

10        receiving information through a network connection at a terminal, wherein said network connection is connected to a network and said information indicates a service; preparing intermediate information based on said information according to said indicated service;

15        preparing phone information based on said intermediate information according to a protocol for a telephone connected to said terminal; and sending said phone information to said telephone.

39. The method of claim 38, wherein:

      said phone connection is an RJ-11 connection.

20    40. The method of claim 38, wherein:

      said phone connection is a USB connection.

41. The method of claim 38, wherein:

      said network connection is an RJ-45 connection.

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42. The method of claim 38, wherein:

      said network connection is a broadband connection.

43. The method of claim 38, wherein:

30        said network connection is a wireless connection.

44. The method of claim 43, wherein:

      said network protocol is CDMA.

45. The method of claim 38, wherein:  
said service is a voice over IP service.
46. The method of claim 38, wherein:  
5 said service is an email service.
47. The method of claim 38, wherein:  
said service is a browser service.
- 10 48. The method of claim 38, further comprising:  
receiving control information through a control connection from said telephone;  
wherein preparing said intermediate information includes using said control  
information.
- 15 49. The method of claim 38, wherein:  
receiving information through said network connection includes receiving said  
information from a wireless terminal, and  
said network connection is connected to said network through said wireless  
terminal providing a wireless connection to said network.
- 20 50. A system for sending data to a network, comprising:  
means for processing information received through a phone connection at a  
terminal, wherein said information indicates a service;  
means for preparing intermediate information based on said information according  
25 to said indicated service;  
means for preparing network data based on said intermediate information according  
to a network protocol for a network connected to said terminal;  
means for sending said network data to said network.
- 30 51. A system for processing data from a network, comprising:  
means for processing information received through a network connection at a  
terminal, wherein said network connection is connected to a network and said information  
indicates a service;

means for preparing intermediate information based on said information according to said indicated service;

means for preparing phone information based on said intermediate information according to a protocol for a telephone connected to said terminal;

5 means for sending said phone information to said telephone.